


Panasonic do Brasil Limitada (Manaus)

Panasonic Group Site Report 2009
 FY2009 :April 1, 2008 - March 31, 2009

Address	Rua Matrinxa, 1.155				
Lot area	122003m ²	Total floor area	31185m ²		
Establishment day	1981/7	Employees	1034persons		
ISO14001certification date	1998/8	ISO14001renewed	2008/5		
Major Products	Micro Wave Oven, AVC (Audio, Video), Color CTV, Color TV Plasma, Color TV LCD				
Environmental Information disclosure	0items	visitors on factory tour	75persons		collaboration with municipality
Contact	ADM				3items
				TEL: 55 92 3614-5067	

Message from Compliance Administrator

The Capital Amazon is currently considered the gateway to the Amazon, and is the largest city and main city in northern Brazil, Manaus is known worldwide as a capital city of the Amazon and the North, according to national concept. Located in the heart of the Amazon Forrest, Manaus still impressed by the natural beauty, with industrial center with almost 500 companies, whose cutting-edge technology is at the most advanced centers of the world producers. Panasonic in their routine process brings together members of the Committee on the Environment to become multipliers with the objective to raise awareness and contributions for the Environment.



Compliance Administrators

Ed Katsurayama

Main activities in FY2009

Target	Result
CO2 Emissions Reduction	Actions and result (-145 ton) Change temperature of Air Conditioning to 26 °C Change from 40W to 36W electronic lamp. Instaling Lamp sensors.
Rain Water reuse	They were reused 2,860 m ³
Rohs activities	100% of our fornecedores meet the standard requirements Rhos

Products of Environmentally-conscious information



Product: DVD THEATER SYSTEM - SC-PT569LB-K
 Wireless DVD Theater
 Made for iPod
 1.000 Watts RMS
 Viera Link, USB, HDMI out, Blu-ray.



Product: TC-32LX80B
 HD Resolution
 Dinamic contrast 10.000:1
 Black Piano Front Cabinet
 Intelligent Scene Controller
 Intelligent Mode



Product: MWO NN-GT517HWRU
 27 litres capacity
 Metallic gray color
 Inverter tecnology
 Cooking sensor
 Turbodefrost



Product: LUMIX - DMC-ZS3PU-K
 Optical zoon 12x, extra 21.4 x,
 10.1 Mega pixel
 Mega OIS stabilizair cenes
 Leica Lens
 Gran angle lens 25mm
 AF - Auto focus

Point of environmentally-conscious

In our production be sure that all the pieces and parts of the products comply with the directives RHoS (restricao of certain harmful substances) and also implement the standards WEEE (Control of reduction of waste material electro-electronic)

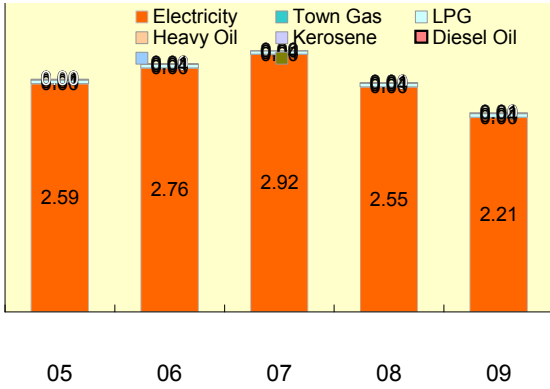
-> link to a product information web-site. <http://www.panasonic.com.br>

Environmental performance data

Year displayed in graph ex) 2009: April 1, 2008 - March 31, 2009

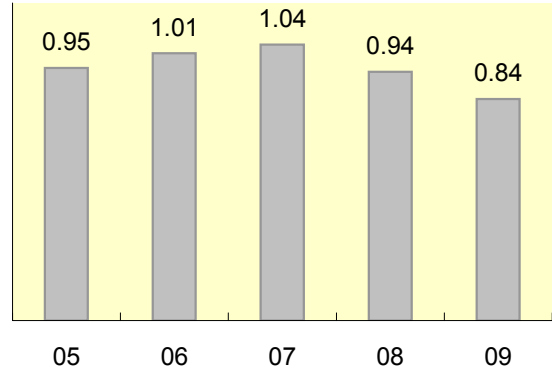
Energy

Unit: 1000kl



CO2 Emission

Unit: 1000t-CO2



Natural Energy

FY2009

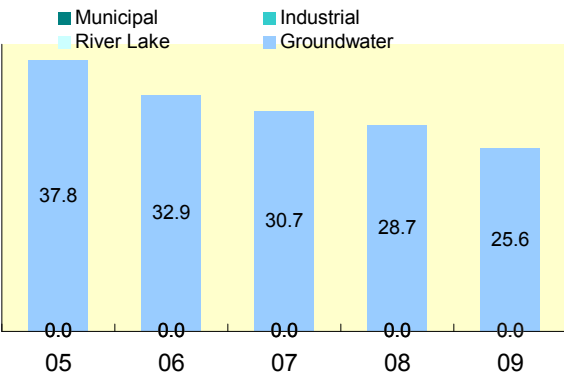


Calculation standards

Numerical values for respective countries listed on the Calculation Tools in GHG Protocol website by World Business Council for Sustainable Development (WBCSD) and World Resource Institute (WRI). Levels for 2002 (Electricity-Heat Steam Purchase_tool1.0_final) has been used for all years.

Water

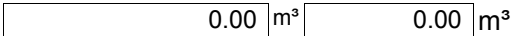
Unit: 1000m³



Circulated water

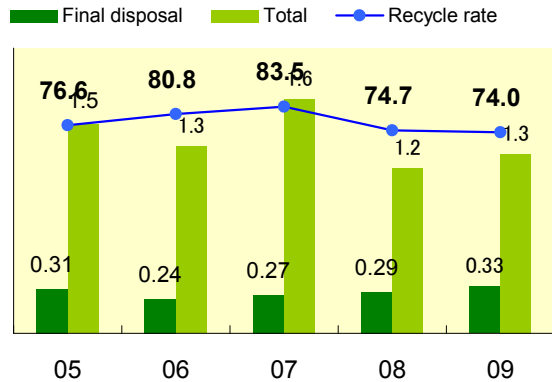
Rain-water

FY2009



Waste

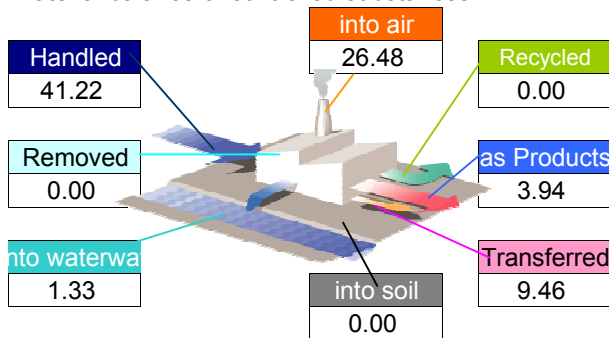
Unit: 1000t, %



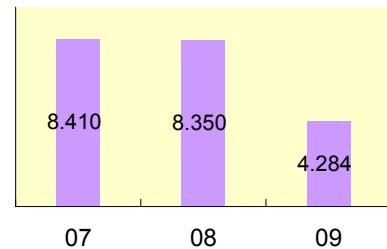
Chemical substances

09

Material balance of controlled substances FY2009



Key target reduction substances



About The Panasonic Group's Chemical Substances Management in Factories

http://panasonic.net/eco/factory/chemical_substance/

About the above data

Compliance

FY2009

<Air pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
SOx	Nm ³ /h		100.00		0.00	0.00	1 time /year
					0.00		
					0.00		
NOx	ppm		190.00		2.00	2.00	1 time /year
					0.00		
					0.00		
Particulate	g/Nm ³		150.00		90.00	90.00	1 time/year
					0.00		
					0.00		

<Water pollutant measurement results>

	Unit	Facility name	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
COD	mg/l				0.00	165.00	2 times/year
					0.00		
					0.00		
BOD	mg/l				0.00	89.00	2 time/year
					0.00		
					0.00		
Nitrogen	mg/l				0.00	3.10	2 times/year
					0.00		
					0.00		
Phosphorus	mg/l				0.00	0.00	2 times/year
					0.00		
					0.00		

<Noise and vibration>

	Unit	Measurement Area	Legal limit	Voluntary limit	Average measured	Maximum measured	Measuring frequency
Noise	dB	DT	NA		0.00		
		NT	NA		0.00		
Vibration	dB	DT	NA		0.00		
		NT	NA		0.00		

*Legal limit: The strictest value out of those specified by laws, ordinances or agreements.

*N/A(not applicable):The meaning when the facility is exempted from the regulation.

About excess of legal limit value

There is no item to report.

Improvement of direction by government, or point outs by neighbor

Occurrence situation	Countermeasure
There is no item to report.	

Environmental Policy

To make the employees of the Panasonic do Brasil Limitada runs an environmental policy and development in accordance to applicable legal requirements and others, met the law of the country, the state and the municipality.

The Panasonic through the concept of 3R's works to reduce the generation of waste, thus minimizing any impact to the environment in all activities in the productive process, and other activities in general in the company.

Assuming the RoHS directive, the company manufactures products that do not contaminate the soil and provides no risk is to humans and other life forms.

Besides the generic actions, the Environmental Management System ISO 14001, coordinated by sr. Ed Katsurayma back to activities: Quality and Environmental Control, reuse of rain water, effluent treatment, Atmospheric Emission Control, Afforestation and Landscape, whose purpose is to stimulate and implement standards of ecological quality to Manaus.

Seek continual improvement of its environmental management systems through its performance indicators: water, energy and CO2 emissions.

The Panasonic and its employees aim to always do what you always want!

Aiming to reduction of environmental impact**Afforestation**

Distribution of seedlings of fruit trees and ornamental plants to the community contributing to the idea of afforestation of the city.

**Developing environmental and cultural activities**

The Panasonic with aim of promoting and developing environmental and cultural activities provided moments of community integration, allowing the family of employees awakening the residents of and visitors to surrounding socio-environmental issues in order to provide the conservation of environmental areas and seek ways to bring the community environmental preservation through the planting of trees and distribution of seedlings.

Environmental Communication**Employees' children's visit the dependences of the Company.**

The Panasonic is accomplishing several related activities the preservation of the environment, giving his/her contribution to minimize the environmental impacts, seeking, mainly the decrease of the emission of CO². The same receives orientation on environment preservation and the problems of the greenhouse effect.

**Environment Week**

Opening the Week of the Environment took place with the participation of the High Administration, Sr.Iuquio Ashibe (Director) in his speech, stressed the importance of environmental policy and the participation of officials in the event.

Mr. Ed Katsurayama (General Manager), underscored the importance of time and that open discussions on air pollution, soil and water, deforestation, reduced biodiversity and fresh water for human consumption, among others.

Then there was the planting of trees of the species tree.

Emergency preparedness and response**About our concept and training plan**

Each year the industry training prepares the Plan of Training, which is based on the needs of courses and training raised in each department, doing the same according to the annual schedule.

**Case of a training**

The Panasonic Brazil (Manaus plant) with its Security Sector Labor (SESMT), produced a training on "Handling and Storage of Chemicals" to employees who develop activities with chemicals. The training was conducted at the Training Center of Plant Mao.

The objective was to guide the employees on how to handle chemicals preserving the physical integrity of the employee as well as preserve the environment, knowing how to proceed in case of spill or leak. "